



DEFENSE LOGISTICS AGENCY  
LAND AND MARITIME  
POST OFFICE BOX 3990  
COLUMBUS, OH 43218-3990

July 30, 2012

Mr. Mike Ryan  
Sensitron Semiconductors  
221 West Industry Court  
Deer Park, NY 11729-4681

Dear Mr. Ryan:

Re: Notification of Qualification, MIL-PRF-19500P, FSC-5961; VQ (VQE-12-024768); CAGE Code: 13409;  
Control #: 036740

Qualification of your product is granted under the current issue of the specification as a result of successful testing of device type JANTXV1N6622 and JANTXV1N6625 as allowed by paragraph E.4.1 of Performance Specification MIL-PRF-19500P, Semiconductor Devices, FSC 5961, and performance specification /585, Revision J. Extension is granted to the other devices listed below as allowed by paragraph E.4.2.2 (Qualification by extension). Therefore, your products will be listed as shown below in the Qualified Manufacturers List (QML) 19500. The beginning lot date code for this qualification is 1125. The effective date of this qualification is July 17, 2012.

Thermal Impedance conditions and limits are as follows (subject to change after 5 lots with approval of the qualifying activity):  $I_m=10$  mA,  $I_H=5$  A,  $t_H=10$  msec,  $t_{MD}=70$   $\mu$ sec,  $Z_{\theta JX}=3.8$   $^{\circ}$ C/W max (Screening);  $Z_{\theta JX}=4.0$   $^{\circ}$ C/W max (QCI)

Government Designation	ESD Class	Manufacturer Designation	Test Report Reference	Prf Spec	Manufacturer Name & Address
** 1N6620-6625; US	3B	CQN	19500-3509-12	/585	Same as above
S 1N6620-6625; US					

S Includes JANS quality level only

\*\* Includes JAN, JANTX, JANTXV quality levels

Plant (1): Same as above

This qualification approval is based upon test report numbers: 19500-3509-12 for your die, 19500-3151-11 for your group C test data, and 19500-3315-11 for your Group E test data, your letter dated March 16, 2012, and your subsequent emails including additional testing data. This approval is subject to the conditions stated in SD-6 and DOD 4120.24M.

Because we are held responsible for the accuracy and currency of this Qualified Manufacturers List, please let us know if your company discontinues production of these products. Also, manufacturers are required to inform this office immediately after learning of a potential issuance of a GIDEP alert, problem advisory, or other problem notification on their QML product. If you have any questions on this letter, contact Mr. DelloStritto at 614-692-0616.

Sincerely,

/SIGNED/

JOSEPH GEMPERLINE  
Chief  
Sourcing and Qualifications Division

